

ORDER FOR SUPPLIES OR SERVICES										PAGE 1 OF 12		
1. CONTRACT PURCH ORDER/AGREEMENT NO. W56HZV-04-P-0183			2. DELIVERY ORDER/CALL NO.		3. DATE OF ORDER/CALL (YYYYMMDD) 2003NOV20		4. REQUISITION/PURCH REQUEST NO. SEE SCHEDULE		5. PRIORITY DOA4			
6. ISSUED BY TACOM WARREN BLDG 231 AMSTA-AQ-ATBC RICHELE FERRARA (586)753-2559 WARREN, MICHIGAN 48397-5000 EMAIL: FERRARAR@TACOM.ARMY.MIL HTTP://CONTRACTING.TACOM.ARMY.MIL			CODE W56HZV		7. ADMINISTERED BY (If other than 6) DCMA VAN NUYS 6230 VAN NUYS BLVD. VAN NUYS, CALIFORNIA 91401-2713 SCD: B PAS: NONE ADP PT: HQ0339			CODE S0512A		8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)		
9. CONTRACTOR LITTON SYSTEMS, INC. NAVIGATION SYSTEMS DIVISION 21240 BURBANK BLVD. WOODLAND HILLS, CA. 91367-6675 NAME AND ADDRESS TYPE BUSINESS: Large Business Performing in U.S.			CODE 06481		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE			11. X IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMAN-OWNED		
12. DISCOUNT TERMS			13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Block 15			14. SHIP TO SEE SCHEDULE			15. PAYMENT WILL BE MADE BY DFAS - COLUMBUS CENTER DFAS-CO/WEST ENTITLEMENT OPERATIONS P.O. BOX 182381 COLUMBUS, OH 43218-2381		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2	
16. TYPE OF ORDER		DELIVERY/ CALL		THIS DELIVERY ORDER IS ISSUED ON ANOTHER GOVERNMENT AGENCY OR IN ACCORDANCE WITH AND SUBJECT TO TERMS AND CONDITIONS OF ABOVE NUMBERED CONTRACT.								
PURCHASE		X		Reference your <input type="checkbox"/> Oral <input checked="" type="checkbox"/> Written Quotation DAAE0703RS198, Dated _____, furnish the following on terms specified herein.								
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.												
<div style="display: flex; justify-content: space-between;"> <div>NAME OF CONTRACTOR</div> <div>SIGNATURE</div> <div>TYPED NAME AND TITLE</div> <div>DATE SIGNED (YYYYMMDD)</div> </div> <div style="margin-top: 10px;"> <input checked="" type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies: </div>												
17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE SEE SCHEDULE												
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/SERVICE				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT	22. UNIT PRICE		23. AMOUNT	
		SEE SCHEDULE CONTRACT TYPE: Firm-Fixed-Price KIND OF CONTRACT: Service Contracts										
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.					24. UNITED STATES OF AMERICA GLORIA MCCracken /SIGNED/ MCCRACKG@TACOM.ARMY.MIL (586)574-6524 BY: _____ CONTRACTING/ORDERING OFFICER					25. TOTAL \$88,930.00		
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO CONTRACT EXCEPT AS NOTED												
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE				
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP. NO.		29. D.O. VOUCHER NO.		30. INITIALS		
f. TELEPHONE NUMBER		g. E-MAIL ADDRESS				31. PAYMENT <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR		
36. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.						31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. CHECK NUMBER		35. BILL OF LADING NO.		
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER				37. RECEIVED AT		38. RECEIVED BY (Print)		39. DATE RECEIVED (YYYYMMDD)		
						40. TOTAL CONTAINERS		41. S/R ACCOUNT NUMBER		42. S/R VOUCHER NO.		

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0183 MOD/AMD	Page 2 of 12
Name of Offeror or Contractor: LITTON SYSTEMS, INC.		

SUPPLEMENTAL INFORMATION

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	TACOM	DISCLOSURE OF UNIT PRICE INFORMATION	DEC/2002
<p>This constitutes notification pursuant to Executive Order 12600, Pre-Disclosure Notification Procedures for Confidential Commercial Information (June 23, 1987), of our intention to release unit prices in response to any request under the Freedom of Information Act, 5 USC 552. Unit price is defined as the contract price per unit or item purchased. We consider any objection to be waived unless the contracting officer is notified of your objection to such posting prior to submission of initial proposals.</p>			
[End of Notice]			
2	52.204-4016 (TACOM)	TACOM-WARREN ELECTRONIC CONTRACTING	JUL/2003
<p>(a) TACOM is now operating in an electronic contracting environment. All TACOM solicitations and awards are now distributed on the TACOM Warren Business Opportunities web page (http://contracting.tacom.army.mil/opportunity.htm) and are no longer available in hard copy. The TDPs and other documents, when available electronically, will be an attachment or linked to the solicitation package on the web. Please see submission guidelines at http://contracting.tacom.army.mil/userguide.htm and http://contracting.tacom.army.mil/ebidnotice.htm for more information. Any requirements included in the solicitation take precedence over guidance found on the TACOM contracting web page.</p>			
<p>(b) You may need to use special software to view documents that we post on the home page. This viewing software is freeware, available for download at no cost from commercial web sites like Microsoft and Adobe. In cases where such software is required, we provide a link from our page to the commercial site where the software is available. Once you arrive at the software developer's site, follow their instructions to download the free viewer. You then can return to the TACOM home page.</p>			
<p>(c) You are required to submit your offer, bid, or quote electronically. See the provision entitled "Electronic Offers (or 'Quotes' or 'Bids') Required in Response to This Solicitation (or 'Request for Quotations')" for more specific information.</p>			
<p>(d) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on the TACOM Warren Business Opportunities web page represent complete OFFICIAL copies of contract awards and will include the awarded unit price. This is the notice required by Executive Order 12600 (June 23, 1987) of our intention to release unit prices in response to any request under the Freedom of Information Act (FOIA), 5 USC 552. Unit price is defined as the contract price per unit or item purchased as it appears in Section B of the contract and is NOT referring to nor does it include Cost or Pricing data/information. If you object to such release, and you intend on submitting an offer, notify the PCO in writing prior to the closing date identified in this solicitation and include the rationale for your objection consistent with the provisions of FOIA. A release determination will be made based on rationale given.</p>			
<p>(e) If you have questions or need help in using the Acquisition Center Home Page, call our Electronic Contracting Help Desk at (586) 574-7059, or send an email message to: acqcenweb@tacom.army.mil</p>			
<p>(f) If you have questions about the content of any specific item posted on our home page, please call the buyer or point of contact listed for the item. Additional help is available to small businesses from Government-funded Electronic Commerce Regional Centers (ECRCs) to implement EDI. Information on ECRC is available at http://www.ecrc.ctc.com</p>			

[End of Clause]

3	52.215-4854 (TACOM)	PAPERLESS ELECTRONIC RESPONSES REQUIRED IN RESPONSE TO THIS SOLICITATION/REQUEST	JUL/2002
<p>TACOM WILL NOT ACCEPT PAPER OFFERS IN RESPONSE TO THIS SOLICITATION/REQUEST. YOU ARE REQUIRED TO SUBMIT YOUR OFFER, BID, OR QUOTE VIA PAPERLESS ELECTRONIC MEDIA. SEE THE PROVISION ENTITLED "ELECTRONIC OFFERS (OR 'QUOTES' OR 'BIDS') REQUIRED IN RESPONSE TO THIS SOLICITATION (OR 'REQUEST FOR QUOTATIONS')" FOR MORE SPECIFIC INFORMATION.</p>			

[End of Clause]

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0183 MOD/AMD	Page 3 of 12
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Name of Offeror or Contractor: LITTON SYSTEMS, INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																														
	SUPPLIES OR SERVICES AND PRICES/COSTS																																		
0001	SECURITY CLASS: Unclassified																																		
0001AA	<p><u>DELIVERABLE SERVICE</u></p> <p>CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: IETM, POINT TO POINT PRON: J632H775J6 PRON AMD: 02 ACRN: AA AMS CD: 51108309009</p> <p>The Contractor shall perform the effort described in Section C, Statement of Work</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p>The Performance Certifier for this effort is Jim Saam.</p> <p>(End of narrative E001)</p> <p><u>Deliveries or Performance</u></p> <table data-bbox="261 1287 849 1415"> <tr> <td>DOC</td><td>SUPPL</td><td></td><td></td><td></td><td></td></tr> <tr> <td><u>REL CD</u></td><td><u>MILSTRIP</u></td><td><u>ADDR</u></td><td><u>SIG CD</u></td><td><u>MARK FOR</u></td><td><u>TP CD</u></td></tr> <tr> <td>001</td><td>000000</td><td></td><td></td><td></td><td>3</td></tr> <tr> <td><u>DEL REL CD</u></td><td><u>QUANTITY</u></td><td><u>DEL DATE</u></td><td></td><td></td><td></td></tr> <tr> <td>001</td><td>1</td><td>28-FEB-2004</td><td></td><td></td><td></td></tr> </table> <p>FOB POINT: Destination</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p> <p><u>CONTRACT/DELIVERY ORDER NUMBER</u> W56HZV-04-P-0183/0000</p>	DOC	SUPPL					<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>	001	000000				3	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>				001	1	28-FEB-2004				1	EA	\$ 88,930.00000	\$ 88,930.00
DOC	SUPPL																																		
<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>																														
001	000000				3																														
<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>																																	
001	1	28-FEB-2004																																	
0002	<u>DATA ITEM</u>	1	LO	\$ ** NSP **	\$ ** NSP **																														

Name of Offeror or Contractor: LITTON SYSTEMS, INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>NOUN: IETM, POINT TO POINT SECURITY CLASS: Unclassified</p> <p>PRON: J632H775J6 PRON AMD: 02 ACRN: 9 AMS CD: 51108309009</p> <p>Contractor shall provide data in accordance with the Contract Data Requirements List, DD 1423</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DOC SUPPL <u>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</u> 001 000000 3 <u>DEL REL CD QUANTITY DEL DATE</u> 001 1 28-FEB-2004</p> <p>FOB POINT: Destination</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p> <p><u>CONTRACT/DELIVERY ORDER NUMBER</u> W56HZV-04-P-0183/0000</p>				

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0183 MOD/AMD	Page 5 of 12
Name of Offeror or Contractor: LITTON SYSTEMS, INC.		

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT
STATEMENT OF WORK (SOW)

The contractor shall update the configuration documents and circuit diagrams they developed, as a subcontractor to Oshkosh Truck Corporation, under Contract DAAE07-01-D-S014 to satisfy the requirements of this purchase order. The Government will provide the configuration documents and circuit diagrams at the contractor's request.

2. The latest HEMTT Family of Vehicles (FOV) Interactive Electronic Technical Manual (IETM) will be provided to the contractor as Government Furnished Information (GFI). The contractor shall procure all needed system vendor manuals, to include those for the HEMTT engine and transmission. The contractor is not responsible for the technical accuracy of the system vendor manuals or the IETM. Using the vendor manuals and HEMTT FOV IETM the contractor shall complete the following:

- 2.1. Research and redraw all schematics into multi-function PTP circuit diagrams.
- 2.2. Write component/system theory of operation information derived from GFI.
- 2.3. Develop application model for information access, tracing techniques, animation generation, and user interaction, using Commercial Off-the-Shelf (COTS) multimedia authoring software.
- 2.4. Insert each multi-function schematic/diagram/image into the application model.
- 2.5. Obtain component views (item/location) of drawings/images derived from the IETM. The Government will provide any component views not in the IETM no later than 30 days after the contractor identifies them to the Government.
- 2.6. Integrate component views with menu items provided in the application model.
- 2.7. Apply trace overlays associated with electrical current, hydraulic fluid flow, and air pressure for all systems and components within each single-function display, as necessary.
- 2.8. Create overall vehicle switch configuration logic.
- 2.9. Apply animation techniques in coordination with the PM HTV Logistics Group (SFAE-CSS-HT).
- 2.10. Create links within each multi-function display as necessary to continue access to information appropriate to the operation of the current function under view.
- 2.11. Apply links to the navigation menu that allow random access to all available circuit displays within the system area currently accessed by the user.
- 2.12. Insert Theory descriptions into the application model PTP database.
- 2.13. Research the IETM to determine the proper destination for all replace and repair links and Repair Parts and Special Tools (RPSTL) Figure links. Apply links from PTP to appropriate replace and repair procedures and RPSTL Figures within the HEMTT IETM.

3. The target Operating Systems (OS) shall be Windows 95/98/2000/NT. The native display resolution shall be 640 x 480 pixels. Color resolution shall be at 256 colors. Soldier's Portable On-System Repair Tool (SPORT) and Maintenance Support Device (MSD) shall be used as display devices.

4. The contractor shall participate in a Verification effort to be conducted by the Government, prior to delivery of the final product CD at a date agreed upon by the contractor and the Government.

5. The contractor shall submit the final product CD, as well as the PTP source data files in a technical report, (CDRL A001) to PM, Heavy Tactical Vehicles Logistics Office, ATTN: (Mr. James Saam), Mail stop 434, 6501 East Eleven Mile Road, Warren, MI 48397-5000, no later than 120 days after this purchase order is issued.

GFI to be provided under this purchase order:
HEMTT FOV IETM.

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 6 of 12

PIIN/SIIN W56HZV-04-P-0183**MOD/AMD**

Name of Offeror or Contractor: LITTON SYSTEMS, INC.

CONTRACT ADMINISTRATION DATA

	PRON/						JOB		
LINE	AMS CD/	OBLG					ORDER	ACCOUNTING	OBLIGATED
ITEM	MIPR	ACRN	STAT	ACCOUNTING CLASSIFICATION			NUMBER	STATION	AMOUNT
0001AA	J632H775J6	AA	2	21	32035000031C1C03P511083252G	S20113	3ZHT20	W56HZV \$	88,930.00
	51108309009								
	A13P50091CHM								
								TOTAL	\$ 88,930.00

SERVICE						ACCOUNTING	OBLIGATED
<u>NAME</u>	<u>TOTAL BY ACRN</u>	<u>ACCOUNTING CLASSIFICATION</u>				<u>STATION</u>	<u>AMOUNT</u>
Army	AA	21	32035000031C1C03P511083252G	S20113		W56HZV	\$ <u>88,930.00</u>
						TOTAL	\$ 88,930.00

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0183 MOD/AMD	Page 7 of 12
Name of Offeror or Contractor: LITTON SYSTEMS, INC.		

CONTRACT CLAUSES

4	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
5	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	SEP/2002
6	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
7	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN/2003
8	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	OCT/2003
9	52.242-14	SUSPENSION OF WORK	APR/1984
10	52.246-1	CONTRACTOR INSPECTION REQUIREMENTS	APR/1984
11	252.211-7005	SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS	FEB/2003
12	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	APR/2003
13	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (Alternate I dated Dec 2000)	DEC/2000
14	252.227-7013	RIGHTS IN TECHNICAL DATA --NONCOMMERCIAL ITEMS	NOV/1995
15	252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION	JUN/1995
16	252.227-7017	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS	JUN/1995
17	252.227-7028	TECHNICAL DATA OR COMPUTER SOFTWARE PREVIOUSLY DELIVERED TO THE GOVERNMENT	JUN/1995
18	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
19	252.227-7036	DECLARATION OF TECHNICAL DATA CONFORMITY	JAN/1997
20	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	SEP/1999
21	252.246-7001	WARRANTY OF DATA	DEC/1991
22	52.204-4006 (TACOM)	INCORPORATION OF TACOM MASTER SOLICITATION FOR SIMPLIFIED ACQUISITIONS AND DESIGNATION OF F.O.B. POINT	MAY/2000

(a) This Request for Quotation (RFQ) or Purchase Order (PO) incorporates by reference TACOM-Warren's Master Solicitation for Simplified Acquisitions with the same force and effect as though the clauses and provisions it contains were physically incorporated into this document. The version in effect at time of award is the version that applies to your purchase order.

(b) The TACOM-Warren Master Solicitation for Simplified Acquisitions is available on our Electronic Contracting web page, which you can reach using the following URL address: <http://contracting.tacom.army.mil/opportunity.htm>

(c) The clauses and provisions in Section I of the Master Solicitation apply to all TACOM-Warren RFQs and Purchase Orders that contain this clause. The clauses contained in Section II of the Master Solicitation applies in addition to those in Section I when the RFQ or PO specifies F.O.B. Origin.

(d) We hereby specify that the required F.O.B. point for this acquisition is origin.

(e) We will keep the Master Solicitation identified in this clause available on our Electronic Contracting web page during the entire period of performance of the purchase order. If the current Master Solicitation later is revised to incorporate a change in any of the clauses, the version specified in this clause will be retained, intact, in an archive area on our web page for continued reference and use.

[End of Clause]

23	252.247-7023	TRANSPORTATION OF SUPPLIES BY SEA (Alternate III dated May 2002)	MAY/2002
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(a) Definitions. As used in this clause--

(1) Components means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.

(2) Department of Defense (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.

(3) Foreign flag vessel means any vessel that is not a U.S.-flag vessel.

(4) Ocean transportation means any transportation aboard a ship, vessel, boat, barge, or ferry through international waters.

(5) Subcontractor means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0183 MOD/AMD	Page 8 of 12
Name of Offeror or Contractor: LITTON SYSTEMS, INC.		

- (6) Supplies means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.
- (i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.
- (ii) Supplies includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.
- (7) U.S.-flag vessel means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.
- (b)(1) The Contractor shall use U.S.-flag vessels when transporting any supplies by sea under this contract.
- (2) A subcontractor transporting supplies by sea under this contract shall use U.S.-flag vessels if-
- (i) This contract is a construction contract; or
- (ii) The supplies being transported are-
- (A) Noncommercial items; or
- (B) Commercial items that-
- (1) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);
- (2) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or
- (3) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.
- (c) The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels, or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that--
- (1) U.S.-flag vessels are not available for timely shipment;
- (2) The freight charges are inordinately excessive or unreasonable; or
- (3) Freight charges are higher than charges to private persons for transportation of like goods.
- (d) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum--
- (1) Type, weight, and cube of cargo;
- (2) Required shipping date;
- (3) Special handling and discharge requirements;
- (4) Loading and discharge points;
- (5) Name of shipper and consignee;
- (6) Prime contract number; and
- (7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.
- (e) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information--
- (1) Prime contract number;
- (2) Name of vessel;

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0183 MOD/AMD	Page 9 of 12
Name of Offeror or Contractor: LITTON SYSTEMS, INC.		

- (3) Vessel flag of registry;
- (4) Date of loading;
- (5) Port of loading;
- (6) Port of final discharge;
- (7) Description of commodity;
- (8) Gross weight in pounds and cubic feet if available;
- (9) Total ocean freight in U.S. dollars; and
- (10) Name of the steamship company.

(f) The Contractor shall insert the substance of this clause, including this paragraph (f) in subcontracts that are for a type of supplies described in paragraph (b)(2) of this clause.

[End of Clause]

24 52.204-4005 REQUIRED USE OF ELECTRONIC CONTRACTING DEC/2002
(TACOM)

(a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions/clauses that appear "by reference", meaning only clause titles and regulation site are listed; their full texts can be found at the website <http://farsite.hill.af.mil/>

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: <http://www.ccr.gov/> . (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: http://contracting.tacom.army.mil/awards_official.htm
Rock Island: <http://aaais.ria.army.mil/AAIS/AWDINFO/index.htm>
Picatinny: <http://procnnet.pica.army.mil/Contracts/Index.htm>
Red River Army Depot: <http://www.redriver.army.mil/contracting/Awards>
Anniston Army Depot: <http://www.anadprocnnet.army.mil>

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at <http://www.acq.osd.mil/ec/ecip/index.htm> . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Acceptable formats include:

- (1) Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower.): Word, Excel, Powerpoint, or Access
- (2) 100 OR 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0183 MOD/AMD	Page 10 of 12
Name of Offeror or Contractor: LITTON SYSTEMS, INC.		

(3) E-MAIL (Maximum size of each e-mail message is be three and one-half (3.5) megabytes).

(4) Other electronic formats. Before submitting your data in any other electronic format, please e-mail the buyer identified on the face of the contract, with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the required data submission date.

NOTE: The above formats may be submitted in compressed form using self-extracting files.

(f) Additional information can be obtained by sending a message to: acqcenweb@tacom.army.mil or by calling (586) 574-7059.

[End of Clause]

25 52.204-4009 MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION JUN/1999
(TACOM)

(a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)

(b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.

(c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).

(d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.

(e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

26 52.215-4404 DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY MAY/2002
(TACOM)

(a) The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is protected in some way, contracted system administrators do have the ability to access such information.

(b) Potential contractors as well as any other parties are thus advised to take steps needed to prevent access by contracted system administrators to information submitted electronically to the Government. Absent such steps, it is assumed that contracted system administrators are permitted the capability to access the data. The access will be limited to that which is necessary for the contract system administrator to perform its duties for the Government. The access shall be subject to the condition that third party information is not to be revealed by the contracted system administrator.

[End of Clause]

27 52.246-4026 LOCAL ADDRESS FOR DD FORM 250 MAR/2002
(TACOM)

(a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0183 MOD/AMD	Page 11 of 12
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Name of Offeror or Contractor: LITTON SYSTEMS, INC.

(1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address:

DD250@tacom.army.mil

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number:

(586) 574-7552 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmmision. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

(b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.

(c) The DD250 form may be found, in three different formats, on the World Wide Web at <http://webl.whs.osd.mil/icdhome/DD-0999.htm>

[End of Clause]

28	52.247-4016 (TACOM)	HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS	JUL/2002
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ALL NON-MANUFACTURED WOOD USED IN PACKAGING SHALL BE HEAT TREATED TO A CORE TEMPERATURE OF 56 DEGREES CELSIUS FOR A MINIMUM OF 30 MINUTES. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL BE AFFILIATED WITH AN INSPECTION AGENCY ACCREDITED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARD COMMITTEE. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL ENSURE TRACEBILITY TO THE ORIGINAL SOURCE OF HEAT TREATMENT. EACH BOX/PALLET SHALL BE MARKED TO SHOW THE CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD. BOXES/PALLETS AND ANY WOOD USED AS INNER PACKAGING MADE OF NON-MANUFACTURED WOOD SHALL BE HEAT TREATED. THE QUALITY MARK SHALL BE PLACED ON BOTH ENDS OF THE OUTER PACKAGING, BETWEEN THE END CLEATS OR END BATTENS; ON TWO SIDES OF THE PALLET.

[End of Clause]

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 12 of 12
	PIIN/SIIN W56HZV-04-P-0183	MOD/AMD	
Name of Offeror or Contractor: LITTON SYSTEMS, INC.			

LIST OF ATTACHMENTS

List of Addenda	Title	Date	Number of Pages	Transmitted By
Exhibit A	CONTRACT DATA REQUIREMENTS LIST, DD 1423	12-AUG-2003	001	DATA